

PATENT PACKET No.: 043876-0162

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of : Customer Number: 20277

Craig HANSEN, et al. : Confirmation Number: 5073

Application No.: 10/757,851 : Group Art Unit: 2183

Filed: January 16, 2004 : Examiner: Unknown

For: METHOD AND SOFTWARE FOR PARTITIONED FLOATING-POINT MULTIPLY-

ADD OPERATIONS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicants are submitting to the Office a single paper copy of each of the documents listed on the attached form PTO-1449 in connection with a corresponding Supplemental Information Disclosure Statement filing for U.S. Patent Application No. 10/418,113. Applicants are separately filing a Petition requesting waiver of Rules 1.4(b) and 98(a)(2), which requires copies of the documents listed on the attached form PTO-1449 to be provided herewith. In view of the Office's practice of scanning documents into the Image File Wrapper, it is believed that providing a single set of paper copies will enable the Office to process the papers efficiently and expedite the

# 10/757,851

Examiner's consideration of the same. Furthermore, the attached form PTO-1449 includes citations to some materials for which it is difficult to obtain additional copies. In view of the Petition and in the interests of efficiency, Applicants' respectfully request that a copy of each of the cited documents be made of record in the present application.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Applicants bring to the Examiner's attention the following pending applications of Craig C. Hansen et al., which may include subject matter related to the present application:

Application Number	Title
10/418,113	Multiplier Array Processing System With Enhanced Utilization At Lower Precision
10/436,340	System With Wide Operand Architecture, And Method
10/616,303	Programmable Processor And Method With Wide Operations
10/646,787	Method And Software For Partitioned Group Element Selection Operation
10/705,946	Programmable Processor And Method For Partitioned Group Shift
10/712,430	System And Software For Catenated Group Shift Instruction
10/716,561	Programmable Processor And Method For Matched Aligned And Unaligned Storage Instructions
10/716,568	System And Software For Matched Aligned And Unaligned Storage Instructions
10/757,515	Method And Software For Multithreaded Processor With Partitioned Operations
10/757,516	Programmable Processor And System For Store Multiplex Operation
10/757,524	Programmable Processor And For Partitioned Group Element Selection Operation
10/757,836	Programmable Processor And System For Partitioned Floating-Point

Multiply-Add Operation.

10/757,866 Method And Software For Store Multiplex Operation

10/757,925 Method And Software For Partitioned Group Element Selection

Operation

10/757,939 Multithreaded Programmable Processor And System With

**Partitioned Operations** 

The attached form PTO-1449 includes (but is not exclusively limited to) documents that were cited in on-going litigation proceedings between the assignee of the present application, Dell Inc. and Intel Corp. (U.S. District Court for the Eastern District of Texas, Marshall Division (Civil Action No. 2:04-CV-120(TJW)). This litigation involves seven patents that are in the same family as each of the above applications.

Additionally, some documents were cited in related foreign applications. A copy of the foreign search report or office action is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

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Date: June 10, 2005

Please recognize our Customer No. 20277 as our correspondence address.

SHEET 1 OF 11

# INFORMATION IN AN APPLICATION

ATTY. DOCKET NO. **043876-0162** 

SERIAL NO. **10/757,851** 

**APPLICANT** 

HANSEN, C., et al.

			HANSEN, C., et	aı.		HANSEN, C., et al.			
(PTO-1449)				FILING DATE  January 16, 200		OUP <b>83</b>			
			U	.S. PATEN	T DOCUMENTS				
EXAMINER'S CIT		Document Number Number-Kind Code2 (# known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
_	<del>                                     </del>	us I	4,658,349 A	05/14/1987	Gafken		1		
	<del> </del>	us	4,852,098	07/25/1989	Brechard et al.		1		
	1	us	4,875,161	10/17/1989	Lahti		†		
<del></del>	<del> </del>	us	4,949,294	08/14/1990	Wambergue				
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	1	us	4,959,779	09/25/1990	Weber et al.		<del> </del>		***************************************
	<u> </u>	us	5,113,506	05/12/1992	Moussouris et a	ıl.	1		
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	<del>                                     </del>	us	5,208,914	05/04/1993	Wilson et al.		<del> </del>		
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				FOREIGN PA	TENT DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Colum Where Re Figures A	levant	Yes	ranslation No
	1		JP 3268024	11/28/1991	Hitachi Ltd.			7	
-	1	1	EP 0 468 820 A2	01/29/1992	Fujitsu Limited				<u> </u>
			WO 93/01565	01/21/1993	Seiko Epson Corporation				
	1		CA 1 323 451	10/19/1993	Northern Telecom Ltd.				
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			WO 97/07450	02/27/1997	Microunity Systems Engineering, Inc.				
		EXA	AMINER			DATE CONSI	DERED		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION			ATTY. DOCKET NO. 043876-0162	SERIAL NO. 10/757,851		
			APPLICANT HANSEN, C., et al.			
		(PTO-1449)	FILING DATE January 16, 2004	GROUP <b>2183</b>		
	Ι	OTHER ART (Including	ng Author, Title, Date, Pertinent Pages,	Etc.)		
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS) journal, serial, symposium, catalog, etc.), date, page published.				
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	L-2	K. Uchiyama et al., The Gmicro/500 S Micro, October 1993, p. 12-21.	uperscalar Microprocessor with	h. Branch Buffers, IEEE		
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	L-4	Karl M. Guttag et al. "The TMS34010: An Embedded Microprocessor", IEEE June 1988, p. 186-190.				
, <del></del>	L-5	M. Awaga et al., "The μVP 64-bit Vector Coprocessor: A New Implementation of High- Performance Numerical Computation", IEEE Micro, Vol. 13, No. 5, October 1993, p.24-36.				
	L-6	Tom Asprey et al., "Performance Features of the PA7100 Microprocessor", IEEE Micro (June 1993), p. 22-35.				
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	L-47	Diefendorff, et al., "Organization of the IEEE Micro April, 1992, p.39-63;	ne Motorola 88110 Superscalar F	RISC Microprocessor"		
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